ELSEVIER

Neuroscience Letters 252 (1998) 222–224

Neuroscience Letters

Contents to Volume 252

Volume 252, no. 1

Guidelines for the submission of manuscripts v

Differential expression of group I metabotropic glutamate receptors (mGluRs) in the rat pheochromocytoma cell line PC12: role of nerve growth factor and ras
M.D. Kane, J.P. Vanden Heuvel, G.E. Isom, R.D. Schwarz (USA) 1

Pulse exposure of cultured rat neurons to aluminum-maltol affected the axonal transport system
Y. Kashiwagi, Y. Nakamura, Y. Miyamae, R. Hashimoto, M. Takeda (Japan) 5

Heat shock protein expression protects against death following exposure to heatstroke in rats
Y.-L. Yang, K.-T. Lu, H.-J. Tsay, C.-H. Lin, M.-T. Lin (Taiwan) 9

Regulation of cannabinoid and mu opioid receptors in rat lumbar spinal cord following neonatal capsaicin treatment
A.G. Hohmann, M. Herkenham (USA) 13

Anti-gamma interferon can prevent the premature death of trisomy 16 mouse cortical neurons in culture
D.M. Hallam, L.E. Maroun (USA) 17

Melatonin inhibits the increase of cyclic AMP in rat suprachiasmatic neurons induced by vasoactive intestinal peptide
J. Vanecek, K. Watanabe (Czech Republic, Japan) 21

The negative influence of endogenous opioid receptor activity on the differentiation of the rat pheochromocytoma PC12 cells induced by nerve growth factor
G.-C. Yeh, T.-H. Hsieh, S.-F. Chang (Taiwan) 25

H^+-Sensitivity of cultured neurons from the dorsomedial and ventrolateral medulla of neonate rats
S. Sugama, J. Okada, H. Jingu, M. Miura (Japan) 29

Reduced *O*-glycosylated clathrin assembly protein AP180: implication for synaptic vesicle recycling dysfunction in Alzheimer's disease
P.J. Yao, P.D. Coleman (USA) 33

A parametric analysis of the 'rate effect' in the sensorimotor cortex: a functional magnetic resonance imaging analysis in human subjects
L. Jäncke, K. Specht, S. Mirzazade, R. Loose, M. Himmelbach, K. Lutz, N. Joni Shah (Germany) 37

The action of local anaesthetics on the compound action potential is altered by the nature of the permeant ion in frog nerve
S.J. Lilley, J. Robbins (UK) 41

Effect of sciatic nerve crush on local and target tissue production of neurotrophin-3 transcripts in rats
F. Cai, D.R. Tomlinson, P. Fernyhough (UK) 45

Effects of α-pompilidotoxin on synchronized firing in networks of rat cortical neurons
A. Harsch, K. Konno, H. Takayama, N. Kawai, H. Robinson (UK, Japan) 49

The anti-craving drug acamprosate inhibits the conditioned place aversion induced by naloxone-precipitated morphine withdrawal in rats
U. Kratzer, W.J. Schmidt (Germany) 53

Evidence for the activity of five adenosine-3′, 5′-monophosphate-degrading phosphodiesterase isozymes in the adult rat neocortex
B. Sutor, K. Mantell, B. Bacher (Germany) 57

The role of *N*-methyl-D-asparate receptor in the guinea pig inner ear after unilateral labyrinthectomy
H. Shimogori, H. Yamashita, M. Takahashi (Japan) 61

Voltage- and use-dependent inhibition by amphetamine of field potentials and Na^+ current in rat nucleus accumbens neurons
R.-C. Huang, J.-Y. Lin (Taiwan) 65

Identification of *shyc*, a novel gene expressed in the murine developing and adult nervous system
F. Köster, B. Schinke, S. Niemann, I. Hermans-Borgmeyer (Germany) 69

Serotonin$_{2A}$ receptor-like immunoreactivity in rat cerebellar Purkinje cells
T. Maeshima, F. Shutoh, S. Hamada, K. Senzaki, K. Hamaguchi-Hamada, R. Ito, N. Okado (Japan) 72

Volume 252, no. 2

Biased postural vertical in humans with hemispheric cerebral lesions
D.A. Pérennou, B. Amblard, C. Leblond, J. Pélissier (France) 75

Modality-specific subregions in human inferior parietal lobule: a magnetoencephalographic study during cognitive tasks
N. Nishitani, T. Nagamine, H. Shibasaki (Japan) 79

Cholinergic lesions of the rat brain by ibotenic acid and 192 IgG-saporin: effects on somatostatin, substance P and neuropeptide Y levels in the cerebral cortex and the hippocampus
S. Nag, F. Tang (China) 83

ELSEVIER

Neuroscience Letters 252 (1998) 222–224

Neuroscience Letters

Contents to Volume 252

Volume 252, no. 1

Guidelines for the submission of manuscripts v

Differential expression of group I metabotropic glutamate receptors (mGluRs) in the rat pheochromocytoma cell line PC12: role of nerve growth factor and ras
M.D. Kane, J.P. Vanden Heuvel, G.E. Isom, R.D. Schwarz (USA) 1

Pulse exposure of cultured rat neurons to aluminum-maltol affected the axonal transport system
Y. Kashiwagi, Y. Nakamura, Y. Miyamae, R. Hashimoto, M. Takeda (Japan) 5

Heat shock protein expression protects against death following exposure to heatstroke in rats
Y.-L. Yang, K.-T. Lu, H.-J. Tsay, C.-H. Lin, M.-T. Lin (Taiwan) 9

Regulation of cannabinoid and mu opioid receptors in rat lumbar spinal cord following neonatal capsaicin treatment
A.G. Hohmann, M. Herkenham (USA) 13

Anti-gamma interferon can prevent the premature death of trisomy 16 mouse cortical neurons in culture
D.M. Hallam, L.E. Maroun (USA) 17

Melatonin inhibits the increase of cyclic AMP in rat suprachiasmatic neurons induced by vasoactive intestinal peptide
J. Vanecek, K. Watanabe (Czech Republic, Japan) 21

The negative influence of endogenous opioid receptor activity on the differentiation of the rat pheochromocytoma PC12 cells induced by nerve growth factor
G.-C. Yeh, T.-H. Hsieh, S.-F. Chang (Taiwan) 25

H^+-Sensitivity of cultured neurons from the dorsomedial and ventrolateral medulla of neonate rats
S. Sugama, J. Okada, H. Jingu, M. Miura (Japan) 29

Reduced *O*-glycosylated clathrin assembly protein AP180: implication for synaptic vesicle recycling dysfunction in Alzheimer's disease
P.J. Yao, P.D. Coleman (USA) 33

A parametric analysis of the 'rate effect' in the sensorimotor cortex: a functional magnetic resonance imaging analysis in human subjects
L. Jäncke, K. Specht, S. Mirzazade, R. Loose, M. Himmelbach, K. Lutz, N. Joni Shah (Germany) 37

The action of local anaesthetics on the compound action potential is altered by the nature of the permeant ion in frog nerve
S.J. Lilley, J. Robbins (UK) 41

Effect of sciatic nerve crush on local and target tissue production of neurotrophin-3 transcripts in rats
F. Cai, D.R. Tomlinson, P. Fernyhough (UK) 45

Effects of α-pompilidotoxin on synchronized firing in networks of rat cortical neurons
A. Harsch, K. Konno, H. Takayama, N. Kawai, H. Robinson (UK, Japan) 49

The anti-craving drug acamprosate inhibits the conditioned place aversion induced by naloxone-precipitated morphine withdrawal in rats
U. Kratzer, W.J. Schmidt (Germany) 53

Evidence for the activity of five adenosine-3′, 5′-monophosphate-degrading phosphodiesterase isozymes in the adult rat neocortex
B. Sutor, K. Mantell, B. Bacher (Germany) 57

The role of *N*-methyl-D-asparate receptor in the guinea pig inner ear after unilateral labyrinthectomy
H. Shimogori, H. Yamashita, M. Takahashi (Japan) 61

Voltage- and use-dependent inhibition by amphetamine of field potentials and Na^+ current in rat nucleus accumbens neurons
R.-C. Huang, J.-Y. Lin (Taiwan) 65

Identification of *shyc*, a novel gene expressed in the murine developing and adult nervous system
F. Köster, B. Schinke, S. Niemann, I. Hermans-Borgmeyer (Germany) 69

Serotonin$_{2A}$ receptor-like immunoreactivity in rat cerebellar Purkinje cells
T. Maeshima, F. Shutoh, S. Hamada, K. Senzaki, K. Hamaguchi-Hamada, R. Ito, N. Okado (Japan) 72

Volume 252, no. 2

Biased postural vertical in humans with hemispheric cerebral lesions
D.A. Pérennou, B. Amblard, C. Leblond, J. Pélissier (France) 75

Modality-specific subregions in human inferior parietal lobule: a magnetoencephalographic study during cognitive tasks
N. Nishitani, T. Nagamine, H. Shibasaki (Japan) 79

Cholinergic lesions of the rat brain by ibotenic acid and 192 IgG-saporin: effects on somatostatin, substance P and neuropeptide Y levels in the cerebral cortex and the hippocampus
S. Nag, F. Tang (China) 83

Glial cell line-derived neurotrophic factor protects against 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP)-induced neurotoxicity in C57BL/6 mice
F.-C. Cheng, D.-R. Ni, M.-C. Wu, J.-S. Kuo, L.-G. Chia (Taiwan, USA) 87
Minimum light intensity required to suppress nocturnal melatonin concentration in human saliva
H. Aoki, N. Yamada, Y. Ozeki, H. Yamane, N. Kato (Japan) 91
The −491A/T apolipoprotein E promoter polymorphism association with Alzheimer's disease: independent risk and linkage disequilibrium with the known APOE polymorphism
T. Town, D. Paris, D. Fallin, R. Duara, W. Barker, M. Gold, F. Crawford, M. Mullan (USA) 95
Possible neural substrates of beer-craving in rats
A.N. Topple, G.E. Hunt, I.S. McGregor (Australia) 99
Ciguatoxin (CTX-1) modulates single tetrodotoxin-sensitive sodium channels in rat parasympathetic neurones
R.C. Hogg, R.J. Lewis, D.J. Adams (Australia) 103
Glial cell line-derived neurotrophic factor and nerve growth factor receptor mRNAs are expressed in distinct subgroups of dorsal root ganglion neurons and are differentially regulated by peripheral axotomy in the rat
H. Kashiba, B. Hyon, E. Senba (Japan) 107
Overexpression of glucose transporter protein 5 in sciatic nerve of streptozotocin-induced diabetic rats
T. Asada, S. Takakura, T. Ogawa, M. Iwai, M. Kobayashi (Japan, USA) 111
Right auditory cortex lesion in Mongolian gerbils impairs discrimination of rising and falling frequency-modulated tones
W. Wetzel, F.W. Ohl, T. Wagner, H. Scheich (Germany) 115
Induction of plasminogen in rat hippocampal pyramidal neurons by kainic acid
Y. Matsuoka, Y. Kitamura, T. Taniguchi (Japan) 119
Dystrophin deficient myotubes undergo apoptosis in mouse primary muscle cell culture after DNA damage
M. Sandri, M. Lina Massimino, M. Cantini, E. Giurisato, C. Sandri, P. Arslan, U. Carraro (Italy) 123
Intracellular calcium and arachidonic acid increase SNAP-25 expression in cultured rat hippocampal explants, but not in cultured rat cerebellar explants
C.M. Sepúlveda, C.C. Troncoso, H. Lara, A.M. Cárdenas (Chile) 127
Expression and coupling of somatostatin receptors in rat adrenal (PC12) and pituitary (GC) cell lines
G. Traina, C. Lanneau, A. Arnoux, B. Porokhov, P. Bagnoli, J. Epelbaum (Italy, France) 131
The vagal origin of preganglionic fibers containing nitric oxide synthase in the guinea-pig heart
K. Tanaka, T. Chiba (Japan) 135
Highly variable distribution of HSV-1-specific DNA in human geniculate, vestibular and spiral ganglia
P. Schulz, V. Arbusow, M. Strupp, M. Dieterich, E. Rauch, T. Brandt (Germany) 139
The proportion of isolated rat dorsal root ganglion neurones responding to bradykinin increases with time in culture
M. Petersen, A. Klusch, A. Eckert (Germany) 143
Differential effects of treatment with nerve growth factor on thermal nociception and on calcitonin gene-related peptide content of primary afferent neurons in the rat
R. Schuligoi, R. Amann (Austria) 147

Corrigendum 150

Volume 252, no. 3

Cultured human monocytes release proinflammatory cytokines in response to myelin basic protein
P. Baron, G. Constantin, L. Meda, E. Scarpini, G. Scarlato, G. Trinchieri, G. Monastra, F. Rossi, M. Antonio Cassatella (Italy, USA) 151
Postsynaptic phospholipase C activity is required for the induction of homosynaptic long-term depression in rat hippocampus
M. Reyes-Harde, P.K. Stanton (USA) 155
Decreased transcription factor junD in brains of patients with Down syndrome
O. Labudova, K. Krapfenbauer, H. Moenkemann, H. Rink, E. Kitzmüller, N. Cairns, G. Lubec (Aus.ria, Germany, UK) 159
Adenosine protects chick embryonic sympathetic neurons from apoptotic death by 2′-deoxyadenosine – importance of ATP in apoptosis
A.R. Wakade, T.D. Wakade, J.S. Kulkarni (USA) 163
Postural effects of unilateral blockade of glutamatergic neurotransmission in the subthalamic nucleus on haloperidol-induced akinesia in rats
H. Miwa, K. Nishi, T. Fuwa, Y. Mizuno (Japan) 167
Self-regulation of slow cortical potentials in completely paralyzed human patients
A. Kuebler, B. Kotchoubey, H.-P. Salzmann, N. Ghanayim, J. Perelmouter, V. Hömberg, N. Birbaumer (Germany, Italy) 171
Effects of δ-aminolaevulinic acid upon electrical activity of rat spinal cord in vivo
R. Abdul-Razzak, J. Bagust (UK) 175
Shift type and season affect adaptation of the 6-sulphatoxymelatonin rhythm in offshore oil rig workers
R.G. Barnes, M.J. Forbes, J. Arendt (UK) 179
Hippocampal slices from long-term streptozotocin-injected rats are prone to epileptiform responses
D.G. Margineanu, I. Niespodziany, E. Wülfert (Belgium) 183

The effects of muscular fatigue on the coordination of a multijoint movement in human
N. Forestier, V. Nougier (France) 187
FUSE-binding protein is developmentally regulated and is highly expressed in mouse and chicken embryonic brain
X. Wang, M. Avigan, R.B. Norgren Jr. (USA) 191
Expression of the ataxia-telangiectasia gene (ATM) product in human cerebellar neurons during development
A. Oka, S. Takashima (Japan) 195
Upregulation of vascular endothelial growth factor in severe chronic brain hypoxia of the rat
S. Patt, S. Danner, Á. Théallier-Jankó, G. Breier, G. Hottenrott, K.H. Plate, J. Cervós-Navarro (Germany, Spain) 199
A novel Na^+/Ca^{2+} channel blocker NS-7 inhibits evoked but not spontaneous dopamine release from rat striatum, as measured by intracerebral microdialysis
Y. Itoh, M. Oka, Y. Ukai, K. Kimura (Japan) 203
Inhibition of adenosine kinase during oxygen-glucose deprivation in rat cortical neuronal cultures
J.J. Lynch III, K.M. Alexander, M.F. Jarvis, E.A. Kowaluk (USA) 207
Brain derived neurotrophic factor induction of *N*-methyl-D-aspartate receptor subunit NR2A expression in cultured rat cortical neurons
D.L. Small, C.L. Murray, G.A.R. Mealing, M.O. Poulter, A.M. Buchan, P. Morley (Canada) 211
Induction of tyrosine hydroxylase gene expression in human foetal cerebral cortex
J. Zhou, B. Pliego-Rivero, H.F. Bradford, G.M. Stern, E.R.M. Jauniaux (UK) 215

Author Index 218
Volume Contents 222